

**ABSTRACT OF THE DISCLOSURE**

An equalizer includes at least two first mutually interfering equalizer sections, and at least two second interference-correcting equalizer sections, arranged in series. Each of the second equalizer sections corresponds with one first equalizer section, such that although each corresponding equalizer section has the same center frequency, the second equalizer sections have an equalization response opposite the interference effect, and the gain of the corresponding second equalizer section at the respective common center frequency contains the negative gain of at least one first equalizer section adjacent to the corresponding first equalizer section at the center frequency of the corresponding first equalizer section.